Contents Volume 13 1991

Volume 13 No. 1

Publisher's note	v
BASHIR JAMA, AMARE GETAHUN and NGUGI, D.N.: Shading effects of alley cropped <i>Leucaena leucocephala</i> on weed biomass and maize yield at Mtwapa, Coast Province, Kenya	1
CHEMAS, A. and RICO-GRAY, V.: Apiculture and management of	1
associated vegetation by the maya of Tixcacaltuyub, Yucatán, México	13
GODOY, R.A. and TAN CHING FEAW: Agricultural diversification among smallholder rattan cultivators in Central Kalimantan, Indonesia	27
KESSLER, J.J. and BREMAN, H.: The potential of agroforestry to increase	21
primary production in the Sahelian and Sudanian zones of West Africa	41
LILIEHOLM, R.J. and REEVES, L.H.: Incorporating economic risk aversion	
in agroforestry planning	63
SAXENA, N.C.: Marketing constraints for Eucalyptus from farm lands in	
India	73
YAMOAH, C.: Choosing suitable intercrops prior to pruning Sesbania hedgerows in an alley configuration	87
Volume 13 No. 2	
FUJISAKA, S.: A diagnostic survey of shifting cultivation in northern Laos:	
targeting research to improve sustainability and productivity	95
MOGEA, J., SEIBERT, B. and SMITS, W.: Multipurpose palms: the sugar	111
palm (Arenga pinnata (Wurmb) Merr.)	111
OTIENO, K., ONIM, J.F.M., BRYANT, M.J. and DZOWELA, B.H.: The relation between biomass yield and linear measures of growth in <i>Sesbania sesban</i> in western Kenya	131
RAO, M.R., SHARMA, M.M. and ONG, C.K.: A tree/crop interface design	131
and its use for evaluating the potential of hedgerow intercropping	143
SAINT-PIERRE, C.: Evolution of agroforestry in the Xishuangbanna region	1 10
of tropical China	159
SOMARRIBA, E. and LEGA, F.: Cattle grazing under Pinus caribaea	
I. Evaluation of farm historical data on stand age and animal stocking	
rate	177
Book reviews	187
Announcement	192
Freatum: Volume 11: 242 258 1000	104

Volume 13 No. 3

Editorial	iii
YOUNG, ANTHONY: Change and constancy: an analysis of publications in Agroforestry Systems Volumes 1–10	195
CAMPBELL, G.E., LOTTES, G.J. and DAWSON, J.O.: Design and development of agroforestry systems for Illinois, USA: silvicultural and	
economic considerations	203
CUTTLE, S.P. and GILL, E.K.: Concentrations of nitrate in soil water following herbicide treatment of tree planting positions in an upland	
agroforestry system	225
SCHERR, S.J. and MÜLLER, E.U.: Technology impact evaluation in	
agroforestry projects	235
VON MAYDELL, HJ.: Agroforestry for tropical rain forests	259
Letter to the Editor	269
Book reviews	271
Volume contents	279
Author index	280
Instructions to authors	281

Author index Volume 13 1991

Amare Getahun, 1	Kessler, J.J., 41	Rico-Gray, V., 13
Bashir Jama, 1	Lega, F., 177	Saint-Pierre, C., 159
Breman, H., 41	Lilieholm, R.J., 63	Saxena, N.C., 73
Bryant, M.J., 131	Lottes, G.J., 203	Scherr, S.J., 235
Campbell, G.E., 203	Mogea, J., 111	Seibert, B., 111
Chemas, A., 13	Müller, E.U., 235	Sharma, M.M., 143
Cuttle, S.P., 225	Ngugi, D.N., 1	Smits, W., 111
Dawson, J.O., 203	Ong, C.K., 143	Somarriba, E., 177
Dzowela, B.H., 131	Onim, J.F.M., 131	Tan Ching Feaw, 27
Fujisaka, S., 95	Otieno, K., 131	Von Maydell, HJ., 259
Gill, E.K., 225	Rao, M.R., 143	Yamoah, C., 87
Godoy, R.A., 27	Reeves, L.H., 63	Young, A., 195

